

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Instructions on
Reverse Side

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 28162																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																									
2. NAME OF OPERATOR Yates Petroleum Corporation ✓		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Thorpe MI Federal																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660 FNL & 660 FWL, Sec. 10-7S-25E At top prod. interval reported below At total depth		9. WELL NO. 4																									
14. PERMIT NO.		13. STATE NM																									
DATE ISSUED		12. COUNTY OR PARISH Chaves																									
15. DATE SPUDDED 12-16-81		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Unit D - Sec. 10-T7S-R25E																									
16. DATE T.D. REACHED 1-6-82		10. FIELD AND POOL OR WILDCAT Unit Abo																									
17. DATE COMPL. (Ready to prod.) 1-21-82		18. ELEVATIONS (DF, RKE, RT, GR, ETC.)* 3844.7' GR																									
19. ELEV. CASINGHEAD		23. INTERVALS DRILLED BY 0-4304'																									
20. TOTAL DEPTH, MD & TVD 4304'		21. PLUG BACK T.D., MD & TVD 4151'																									
22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3700-3986' Abo																									
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DLL																									
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)																									
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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>3700-3986'</td> <td>w/3500 g. MOD 101 acid, ball sealers. Frac'd w/80000 g. gel KCL wtr, 76 tons CO2 & 180000# 0/40 sand.</td> </tr> </tbody> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	3700-3986'	w/3500 g. MOD 101 acid, ball sealers. Frac'd w/80000 g. gel KCL wtr, 76 tons CO2 & 180000# 0/40 sand.																				
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33. PRODUCTION																											
DATE FIRST PRODUCTION 1-21-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing																									
WELL STATUS (Producing or shut-in) SIWOPLC																											
DATE OF TEST 1-21-82	HOURS TESTED 2	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →																								
OIL—BBL. -	GAS—MCF. 408	WATER—BBL. -	GAS-OIL RATIO -																								
FLOW. TUBING PRESS. 325	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. -																								
GAS—MCF. 4897	WATER—BBL. -	OIL GRAVITY-API (CORR.) -																									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will Be Sold		TEST WITNESSED BY Bill Hansen																									
35. LIST OF ATTACHMENTS Deviation Survey																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED _____		TITLE Engineering Secretary																									
DATE 1-22-82																											

*(See Instructions and Spaces for Additional Data on Reverse Side)

Posted ID-2
Comp. Book
SI
2-5-82

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
				TRUE VERT. DEPTH
			San Andres	470
			Glorieta	1545
			Fullerton	2976
			Abo	3631



LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

RECEIVED

JAN 22 1982

January 18, 1982

C. C. D.
ARTESIA, OFFICE

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

RE: Thorpe MI Federal #4
660' FNL & 660' FWL
Sec. 10, T7S, R25E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
536'	1/4°
875'	1/4°
1325'	1/2°
1824'	1/2°
2183'	1/2°
2795'	3/4°
3125'	3/4°
3582'	1°
3983'	1°
4304'	1°

Very truly yours,


B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me this 18th day of January, 1982.

